

PassPort® CPS R04.00.00

Customer Release Notes

The combination of software versions in the table below includes enhancements in the areas of Selective Call / Call Alert, Channel Redirect, Roam Lock, Home Site Revert, Disable Priority on Primary Talkgroup, Disable Transmit on Primary Talkgroup, Site / Talkgroup Restriction and Data enhancements. For further details, please refer to Section I.

	Radio Firmware	PassPort Firmware	Motorola Customer Programming Software (CPS)	PassPort Customer Programming Software (PPCPS)
HT1250-LS⁺ Portable	R05.04.00 or later	R07.01.11	R06.02.04 or later	R04.00.00
CDM1550-LS⁺ Mobile	R05.04.01 or later	R07.01.11	R06.02.04 or later	R04.00.00

NOTE: PASSPORT CPS VERSION R04.00.00 OR HIGHER IS REQUIRED FOR PROGRAMMING LS⁺ RADIOS (PORTABLES AND MOBILES) WITH PASSPORT FIRMWARE R07.01.11 OR HIGHER, AND SHOULD NOT BE USED ON RADIOS WITH PASSPORT FIRMWARE BELOW R07.01.11! FAILURE TO COMPLY WITH THIS NOTE COULD LEAD TO PROGRAMMING ERRORS IN YOUR RADIO.

CONSEQUENTLY, MOTOROLA STRONGLY RECOMMENDS THAT YOU MAINTAIN A COPY OF THE PPCPS VERSION R03.02.00 FOR USE WITH LS⁺ RADIOS CONTAINING PASSPORT FIRMWARE BELOW R07.01.11.

For further information regarding compatibility between the different versions of Radio Firmware, PassPort Firmware, Motorola Customer Programming Software and PassPort Customer Programming Software, please refer to the PassPort Software Compatibility document included in the PassPort CPS (PPCPS) R04.00.00 software.

To access the PassPort Software Compatibility document, click on “Start > Programs > Motorola > PassPort CPS > PPCPS R04.00.00 > PassPort Software Compatibility”.

To access the PassPort RSSI Charts, click on “Start > Programs > Motorola > PassPort CPS > PPCPS R04.00.00 > PassPort RSSI Charts”.

Note: In order to view the PassPort Software Compatibility document or the PassPort RSSI Charts, Adobe Acrobat Reader is required.

For any questions, please contact Customer Resources at 1-800-927-2744.

I. PassPort CPS R04.00.00 Enhancements

This version of PassPort CPS includes the following new fields:

Item #1: Selective Call / Call Alert (with Horn and Lights for Mobile Users)

In the tree view menu, under the “Zone and Talkgroup Data – Zone #” node, a new node “Signaling – Zone #” has been added. This window consists of three option tabs: “Radio Call Type”, “Radio Call List”, and “Radio Call Buttons”. “Radio Call Type” is used to select the type of call desired. The “Radio Call Type” tab also contains an “Options” frame containing the “Horn and Lights” feature and a “Tones” frame with check boxes for “Call Establish Receive Tone” and “Call Exit Tone.” “Radio Call List” stores the MIN and ALIAS of subscribers and “Radio Call Buttons” tab allows programming of DTMF keys. “Selective Call / Call Alert” can be assigned to a pre-programmable button. In addition, a “One-touch Selective Call/Call Alert” and “Cancel Selective Call/Call Alert” have been added as options for pre-programmable buttons. For further details, refer to the Quick Reference Guide available on MOL.

Note: Selective Call and Call Alert features are mutually exclusive of each other.

Item #2: Roam Lock

In the PassPort Buttons Window, a feature called “Toggle Roam Lock On/Off” has been added. “Roam Lock” allows the radio to lock onto a current site (home site or an affiliated site) regardless of the signal strength level. Roam Lock can only be activated or deactivated via a programmable button.

Item #3: Home Site Revert

In the PassPort Buttons window, a feature called “Home Site Revert” has been added. When a radio is registered on an affiliated site, this feature allows the user to manually force a radio to search for its home site, and then register to it. It can only be activated or deactivated via a programmable button.

Item #4: Disable Priority on Primary Talkgroup

On Zone Data Window – System Info Tab, a checkbox named “Disable Priority” has been added. This feature allows the priority of the Primary Talkgroup to be optional on a per zone basis. Consequently, the Primary Talkgroup effectively becomes a Secondary Talkgroup.

- **PassPort Group Scan Member**

Now that the Primary Talkgroup could behave like a Secondary Talkgroup, the Primary Talkgroup can be added / removed from the scan list. On Edit Talk Groups Window, the “PassPort Group Scan Member” checkbox can be unchecked for the Primary Talkgroup if the “Disable Priority on Primary Talkgroup” feature is checked.

Item #5: Disable Transmit on Primary Talkgroup

On Zone Data Window – System Info Tab, a checkbox named “Disable Transmit” has been added. When enabled, this feature prevents a radio from keying up (after / upon pressing the PTT) on the Primary Talkgroup.

Item #6: Power-on Roam Delay Time

On Zone Data Window – System Timers Tab, the “Power-on Roam Delay Time” has been removed since this functionality is handled in the “Roaming Wait Time” timer.

Item #7: Rx Mute for Data

On Edit Talk Groups Window, the “Data” checkbox has been renamed to “Rx Mute for Data”. Functionality before / after this change remains the same.

Item #8: Rx Mute Timer for Data

On Radio Configuration Window – Options tab, the “Use Unmute Delay on Data Talkgroups” checkbox has been renamed to “Rx Mute Timer for Data”. Also, “Data Talkgroup Unmute Delay (ms)” textbox has been changed to “Rx Mute Duration for Data (ms)”. Functionality of both features remains the same.

Item #9: Rear Accessory Options

On Radio Configuration Window – Options tab, a “Rear Accessory Options” frame has been added. This frame and its content are for mobile radios only. This is used to configure the mobile to be able to receive and transmit Data.

1. TalkGroup Steering

In the Rear Accessory Options frame, a “TalkGroup Steering” radio button has been added which is mutually exclusive with “Data Operation”.

2. Data Operation

In the Rear Accessory Options frame, a “Data Operation” radio button has been added which is mutually exclusive with “TalkGroup Steering”.

Item #10: RSSI Threshold Enable

On Zone Data Window – RSSI tab, the “RSSI Threshold Enable” checkbox is now unchecked by default. **It is highly recommended that the default values should not be used for RSSI.** Please refer to the RSSI Chart to determine what values should be programmed in your radio.

Item #11: Multiple-OS support

PPCPS now supports the following versions of Windows: 98 (FE & SE), NT, 2000 (SP3 or later), ME, and XP.

II. PPCPS R04.00.00 Corrections

Item #1: Closing Zone Data Window

In previous software releases, when the Zone Data window was open at the same time as the “Edit Talk Groups” window, pressing the “Cancel” button on Zone Data window closed the window. This release prompts an error message asking the user to close the “Edit Talk Groups” window first before closing the Zone Data window.

Item #2: Seed Frequencies

In previous software releases, on the “Seed Frequency” window, when an invalid seed frequency was entered in the field, an error message prompted the user to modify the entry right away. In this release, the seed frequency data is validated only after the user clicks the “Done” button.

Item #3: Home Revert Talkgroup

In previous software releases, when the “Home Revert Talkgroup” was programmed to any Talkgroup other than 1, making modifications to the “Edit Talk Group” window would change the programmed Talkgroup for Home Revert to 1. This has been fixed so that the change made to the Edit Talk Group window has no effect on the “Home Revert Talkgroup” programmed in the “Radio Configuration” window.

III. PPCPS R04.00.00 Known Issues

Item #1: Edit Talk Group

If an invalid Talkgroup ID is entered in Edit Talk Group Window and the user tries to close the window by pressing the Close button (“X”) in the upper right corner of the window, a message comes up asking if the user wants to save the changes or not. If the user clicks on “Yes”, an error message is generated asking the user to put in a valid entry. Upon clicking “OK” on the error message, the window is closed.

Item #2: Closing the Tree View

If an archive file is opened and changes are made in the “PassPort Buttons” window, upon closing the “PassPort Buttons”, when the user tries to close the main “Tree View” window, it closes without asking the user to save any changes made to the file.

Item #3: Scan Hang Time

The label “Scan Hang Time” on Zone Data Window – System Timer Tab will be changed to “Talkgroup Scan Hang Time”.

Item #4: Data Options Frame

The “Data Options” frame of the “Options” tab in the “Radio Configuration” window should be grayed out for portable radios. This frame only contains fields that deal with the “Data” feature that applies to mobile radios.

Item #5: PassPort Group Scan Member for Primary Talkgroup

After disabling the priority of a Primary Talkgroup, if the “PassPort Group Scan Member” checkbox is unchecked for the Primary Talkgroup, occasionally switching zones may reset in the “PassPort Group Scan Member” of the Primary Talkgroup to be checked.

Programming Hints

A. Conversion of an existing archive file using the PPCPS version R04.00.00

Please refer to the Conversion Guide.

**To access the PassPort Conversion Guide, click on
“Start > Programs > Motorola > PassPort CPS > PPCPS R04.00.00 > PassPort
Conversion Guide”.**

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